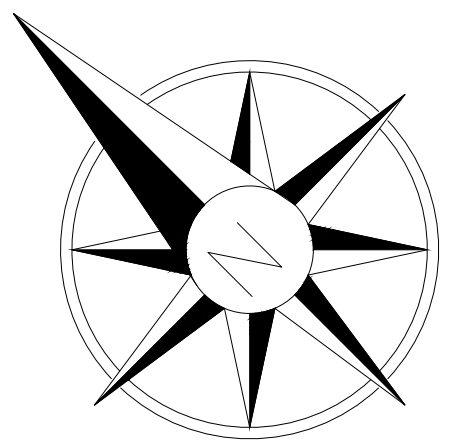


NO FLOODING FROM DRAINAGE SYSTEMS FOR ALL RAINFALL EVENTS UP TO AND INCLUDING THE 1 IN 100 YEAR +40% CLIMATE CHANGE EVENT. THEREFORE, EXCEEDANCE FLOW PATHS ONLY USED DURING EXCEPTIONAL CIRCUMSTANCES (RAINFALL EVENTS IN EXCEEDANCE OF THE 1 IN 100 YEAR +40% CLIMATE CHANGE EVENT)

PRELIMINARY SUBJECT TO
CONFIRMATION OF LANDSCAPE
ARCHITECTS PROPOSED SITE LEVELS



- IMPORTANT NOTES**
- SETTING OUT SHALL BE UNDERTAKEN USING ONLY THE INFORMATION GIVEN. DISTANCES SHOULD NOT BE SCALED FROM THIS DRAWING.
 - ALL SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEWERS FOR ADOPTION 7TH EDITION.
 - THE MINIMUM GRAVITY PIPE DIAMETER UNDER ADOPTABLE HIGHWAYS SHALL BE 150mm.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INFORMATION GIVEN WITH REGARDS TO EXISTING SERVICES AND DRAINAGE CONNECTIONS ETC PRIOR TO COMMENCING THE WORKS. THE NOTES SHALL INCLUDE FOR HAND DIG AROUND SERVICES WHERE NECESSARY. THE CONTRACTOR SHALL ADHERE TO THE COM REGULATIONS AT ALL TIMES.
 - EXISTING FLOWS SEWERS SHALL BE MAINTAINED AT ALL TIMES.
 - ONLY TRAINED PERSONNEL SHALL BE PERMITTED TO ENTER CONFINED SPACES.
 - ALL MATERIALS TO BEAR THE RELEVANT B.S. VETERINARY AND COMPLY FULLY WITH THE SPECIFICATIONS. ALL CONCRETE & CONCRETE PRODUCTS MUST USE SULPHATE RESISTANT CEMENT (UNLESS THE SITE INVESTIGATION REPORT PROVES THAT SULPHATE ATTACK FROM SOILS AND GROUNDWATER WILL NOT OCCUR TO WITHSTAND A CLASS).
 - ALL OPENING NOTICES ETC. ARE TO BE OBTAINED PRIOR TO COMMENCEMENT OF WORKS.
 - WHERE 'ULTRA RIF' UPVC PIPES (OR SIMILAR APPROVED) ARE USED IN THEY SHALL STILL BE HANDLED AND LAID IN ACCORDANCE WITH THE SPECIFICATION AND GUIDANCE ISSUED BY THE HIGH PERFORMANCE PIPE ASSOCIATION.
 - A CLASS 3 BED AND SURROUND MUST BE USED FOR SUCH PIPES. TRENCH BACKFILL IN HIGHWAYS TO WITHIN 1M OF HIGHWAY SHALL AS DIRECTED BY THE HIGHWAY AUTHORITY BE A SUITABLE GRANULAR MATERIAL. ALL IN ACCORDANCE WITH SEWERS FOR ADOPTION CL 4.3.4.
 - SUB LEVELS SHALL NOT BE VARIED WITHOUT REFERENCE TO THE ENGINEER FOR GUIDANCE.
 - DOMESTIC DRAINAGE SHALL BE TO BUILDING REGULATIONS APPROVED DOCUMENT H: 110mm UPVC PIPES LAID TO THE FOLLOWING MINIMUM FALLS UNLESS OTHERWISE SHOWN:

FOUR	S.W.
HEAD RUN	1 IN 40
ELSEWHERE	1 IN 80
 - ALL GULLY CONNECTIONS TO BE 100mm VITRIFIED CLAY (UNLESS NOTED OTHERWISE).
 - ALL MANHOLE COVERS TO BE RECESSED TO ACCEPT FINISH AS DETAILED BY LANDSCAPE ARCHITECT.
 - SLOW RISE BENDS TO BE USED IN ALL LOCATIONS MADE UP FROM 2m+ 45 DEG BENDS (800mm TO INVERT FROM FFL).
 - MANHOLE POSITIONS AND ACCESS COVERS TO BE ACCURATELY SET OUT BY LANDSCAPE ARCHITECT TO SUIT EXTERNAL FINISHES.
 - ALL DRAINS CAST THROUGH FOUNDATIONS TO HAVE ROCKER PIPES ON BOTH SIDES OF FOUNDATION.
 - ALL POP UP POSITIONS TO BE CONFIRMED SET OUT DIMENSIONS TO BE AGREED & PROVIDED BY OTHERS.
 - ALL DISCHARGE RATES TO BE CONFIRMED BY M&E DESIGNER.
 - ALL SURFACE WATER COLLECTION FEATURES TO BE CONFIRMED BY THE LANDSCAPE ARCHITECT.
 - STORAGE HAS BEEN PROVIDED IN A CELLULAR STORAGE TANK AND UP-SIZED MANHOLES AND PIPES.
 - EXISTING SEWER DEPTHS HAVE BEEN APPROXIMATED FROM LIMITED INFORMATION. NEW CONNECTIONS TO BE CONFIRMED PRIOR TO CONSTRUCTION OF ANY DRAINAGE WORKS.
 - LANDSCAPE ARCHITECT TO CONFIRM GULLY AND DRAINAGE CHANNEL LOCATIONS TO LANDSCAPED AREAS.
 - FOUR PIPES TO BE CONFIRMED FOLLOWING CONFIRMATION OF BRANCH CONNECTION POINTS FROM BUILDING M&E DESIGNER.
 - CCTV SURVEY OF EXISTING SITE DRAINAGE REQUIRED PRIOR TO THE COMMENCEMENT OF ANY WORKS STARTING ON SITE.

- LEGEND**
- EXISTING SURFACE WATER DRAINAGE
 - PROPOSED SURFACE WATER DRAINAGE
 - PROPOSED EXCEEDANCE FLOW PATHS

REV	DATE	DESCRIPTION	BY	CHK	APP
P01	10-05-2023	PRELIMINARY ISSUE	JRS	FB	PN

ISSUING STATUS: **PRELIMINARY**

CLIENT: MANCHESTER ROYAL INFIRMARY

ARCHITECT: DAY Architectural Ltd

PROJECT: RED

TITLE: EXCEEDANCE FLOW PATHS

STATUS	PROJECT NO.	PROJECT	ORIGINATOR	PROJECT LEVEL	TYPE	ROLE	DRAWING NO.	REV
S2	220-096	RED - AJP - 00 - 00 - DR - C - 002000	P01					

SCALE & APP	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
1:100	JRS	JRS	FB	JRS	MAY 2023

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